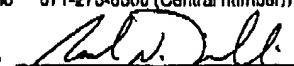


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CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. § 1.8		
I hereby certify that this correspondence, totaling twenty-one (21) pages including recited attachments, is being facsimile transmitted to the United States Patent and Trademark Office at facsimile no. 571-273-8300 (Central number) on the below date		
Date <u>June 19, 2006</u>	Name <u>Sanders N. Hillis</u>	Signature 

**BRINKS**  
**HOFFER**  
**GILSON**  
**& LIONE**
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Colin N. Gunn et al.

Appln. No.: 10/803,411

Filed: March 18, 2004

For: POWER LINE SENSORS AND SYSTEMS  
INCORPORATING SAME

Examiner: Mary C. Baran

Art Unit: 2857

Attorney Docket No: 6270/138

MAIL STOP AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir:

**Attached is/are:**
☒ Amendment and Response (19 pgs.), and Transmittal (in duplicate 2 pgs.)

**Fee calculation:**

- ☒ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

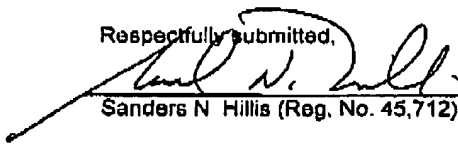
					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	\$0.00
Indep.		Minus			x 100=			x \$200=	\$0.00
First Presentation of Multiple Dep. Claim					+ \$180=			+ \$360=	0.00
					Total	\$		Total	\$0.00

**Fee payment:**

- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925. A copy of this Transmittal is enclosed for this purpose.

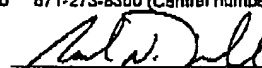
JUNE 19, 2006  
Date

Respectfully submitted,

  
Sanders N. Hillis (Reg. No. 45,712)

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JUN 19 2006

<b>CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. §1.8</b> I hereby certify that this correspondence, totaling twenty-one (21) pages including recited attachments, is being facsimile transmitted to the United States Patent and Trademark Office at facsimile no. 571-273-8300 (Central number) on the below date.		
Date <u>June 19, 2006</u>	Name <u>Sanders N. Hillis</u>	Signature: 

**BRINKS**  
**HOFFER**  
**GILSON**  
**& LIONE**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Colin N. Gunn et al.

Appln. No.: 10/803,411

Filed: March 18, 2004

For: **POWER LINE SENSORS AND SYSTEMS  
INCORPORATING SAME**

Examiner: Mary C. Baran

Art Unit: 2857

Attorney Docket No: 6270/138

MAIL STOP AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir,

Attached is/are:

☒ Amendment and Response (19 pgs.); and Transmittal (in duplicate 2 pgs.)

Fee calculation:

☒ No additional fee is required.

☐ Small Entity.

☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.138(a).

☐ A petition or processing fee in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_\_).

☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	\$0.00
Indep.		Minus			x 100=			x \$200=	\$0.00
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	0.00
					Total	\$		Total	\$0.00

Fee payment:

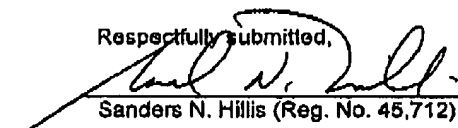
☐ Please charge Deposit Account No. 23-1926 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.

☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1926. A copy of this Transmittal is enclosed for this purpose.

Date

JUNE 19, 2006

Respectfully submitted,

  
Sanders N. Hillis (Reg. No. 45,712)

RESPONSE PURSUANT TO 37 CFR §1.116  
EXPEDITED PROCEDURE  
GROUP ART UNIT 2857

Certificate Under 37 CFR 1.11

I hereby certify that this correspondence is being facsimile transmitted  
to the U.S. Patent and Trademark Office Central Facsimile Number,  
571-273-8300, on June 19, 2006.

  
Stephen N. Hillis

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JUN 19 2006

PATENT  
Our Case No. 6270/138

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
	)	Group Art Unit 2857
Colin N. Gunn et al.	)	
	)	Examiner: Mary C. Baran
Serial No.: 10/803,411	)	
	)	
Filed: March 18, 2004	)	
	)	
For: POWER LINE SENSORS AND	)	
SYSTEMS INCORPORATING SAME	)	

AMENDMENT AND RESPONSE TO OFFICE ACTION

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Final Office Action mailed on April 19, 2006 please enter the  
following amendments and consider the following remarks.

**Amendments to the Specification begin on page 2 of this paper.**

**Amendments to the Claims begin on page 3 of this paper.**

**Remarks begin on page 14 of this paper.**